

to inform the Commission of the construction status of the system. The report must be addressed to: Federal Communications Commission, Wireless Telecommunications Bureau, Special Services Branch, 1270 Fairfield Road, Gettysburg, PA 17325-7245. The report must include:

- (1) A showing of how the system meets the benchmark; and
- (2) A list, including addresses, of all component CTSs constructed.

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§ 95.835 Station identification.

No RTU or CTS is required to transmit a station identification announcement.

§ 95.837 Station inspection.

Upon request by an authorized Commission representative, the IVDS system licensee must make any component CTS available for inspection.

§ 95.839 Operation in the National Radio Quiet Zone.

(a) Before constructing a CTS in any area within the National Radio Quiet Zone (see § 95.41) or before changing frequency segment, transmitter power, antenna height or directivity, or the coverage area of an existing CTS or RTU located within any area within the National Radio Quiet Zone, the licensee must give written notification thereof to the Interference Office, National Radio Astronomy Observatory, P.O. Box 2, Green Bank, WV 24944.

(b) The notification must include the geographical coordinates of all component CTS antennas, antenna ground elevation above mean sea level, antenna center of radiation above ground level, antenna directivity, proposed frequency, type of emission, and transmitter power.

(c) If an objection to the proposed CTS is received by the Commission from the National Radio Astronomy Observatory at Green Bank, Pocahontas County, WV, for itself or on behalf of the Naval Research Laboratory at Sugar Grove Pendleton County, WV, within 20 days from the date of notification, the Commission will consider all aspects of the problem and take whatever action is deemed appropriate.

§ 95.841 Operation near a Commission monitoring facility.

Each CTS and each RTU transmitting from a location within 1.6 km (1 mile) of a Commission monitoring facility must protect that facility from harmful interference. Failure to do so could result in imposition of restrictions upon the operation of the CTS or RTU by the Engineer-in-Charge of the facility. (Geographical coordinates of the facilities that require protection are listed in § 0.121(c) of this chapter.)

TECHNICAL STANDARDS

§ 95.851 Type acceptance.

Each CTS and RTU transmitter must be typed-accepted for use in the IVDS in accordance with subpart J of part 2 of this chapter.

§ 95.853 Frequency segments.

(a) Frequency segment A is 218.0–218.500 MHz. Frequency segment B is 218.501–219.0 MHz.

(b) Each CTS and each RTU in the same IVDS system shall transmit in the same assigned frequency segment.

§ 95.855 Transmitter effective radiated power limitation.

(a) The effective radiated power (ERP) of each CTS and RTU shall be limited to the minimum necessary for successful communications. RTUs with powers in excess of 100 milliwatts must incorporate automatic power control to ensure the minimum ERP is used. No CTS may transmit with an ERP exceeding 20 watts. No fixed RTU may transmit with an ERP exceeding 20 watts. No mobile RTU may transmit with an ERP exceeding 100 milliwatts mean power.

(b) For an IVDS system located in a TV Channel 13 station Grade B predicted contour, the maximum ERP shall be limited as follows:

TV channel 13 service area	Maximum CTS ERP (watts)
City Grade	20
Grade A	7
Grade B	1
Grade B +2 miles	1
Grade B +3 miles	3
Grade B +4 miles	10
Grade B +5 miles and beyond	20